



IIHMSP25



# The 21st International Conference on Intelligent Information Hiding and Multimedia Signal Processing (IIHMSP 2025)

October 15-17, 2025, The Splendor Hotel, Taichung, Taiwan

<https://iihmisp25.csie.cyut.edu.tw> or <https://iihmisp25.github.io>



## CALL FOR PAPERS

### Honorary Chairs

Yu-Huei Yang (Dept. of Tech. and Voc. Edu., MOE, Taiwan)  
Tao-Ming Cheng (Chaoyang U. of Technology, Taiwan)  
Tsukahara Tsuneo (U. of Aizu, Japan)  
Atsuto Suzuki (Iwate Prefectural U., Japan)  
Chin-Chen Chang (Feng Chia U., Taiwan)

### Conference Founders

Jeng-Shyang Pan (Nanjing U. of Inform. Sci. and Tech., China)  
Lakhmi C. Jain (U. of Piraeus, Greece)

### Advisory Committee Chairs

Jhing-Fa Wang (National Cheng Kung U., Taiwan)  
Yao Zhao (Beijing Jiaotong U., China)  
Kebin Jia (Beijing U. of Technology, China)

### Steering Chairs

Rung-Ching Chen (Chaoyang U. of Technology, Taiwan)  
Qiangfu Zhao (U. of Aizu, Japan)  
Sun-Yuan Hsieh (National Cheng Kung U., Taiwan)  
Cheng-Ying Yang (U. of Taipei, Taiwan)

### General Chairs

Tzu-Chuen Lu (Chaoyang U. of Technology, Taiwan)  
Yung-Fa Huang (Chaoyang U. of Technology, Taiwan)

### General Co-Chairs

Goutam Chakraborty (Iwate Prefectural U., Japan; Madanapalle Institute of Tech. and Sci., India)  
Basabi Chakraborty (Iwate Prefectural U., Japan; Madanapalle Institute of Tech. and Sci., India)

### Program Committee Chairs

Ruo-Wei Hung (Chaoyang U. of Technology, Taiwan)  
Chin-Ling Chen (Chaoyang U. of Technology, Taiwan)  
Sang-Woon Jeon (Hanyang U., Korea)  
Chuan-Bi Lin (Chaoyang U. of Technology, Taiwan)

### Special Session Chairs

Shih-Cheng Horng (Chaoyang U. of Technology, Taiwan)  
Lin-Huang Chang (National Taichung U. of Education, Taiwan)  
Samsul Huda (Okayama University, Japan)

### Organizing Chairs

Yu-Huei Cheng (Chaoyang U. of Technology, Taiwan)  
Shao-Kuo Tai (Chaoyang U. of Technology, Taiwan)

### Publicity Chairs

Wen-Huang Cheng (National Taiwan U., Taiwan)  
Ben-Jye Chang (National Yunlin U. of Sci. and Tech., Taiwan)

### Publication Chairs

Tien-Wen Sung (Fujian U. of Technology, China)  
Shih-Hung Wu (Chaoyang U. of Technology, Taiwan)  
Jia-Lang Xu (Chaoyang U. of Technology, Taiwan)

### Program Committee Members

Péter Baranyi (Corvinus University of Budapest)  
Yung-Kuan Chan (National Chung Hsing U., Taiwan)  
Chih-Yuan Chang (Feng Chia U., Taiwan)  
Ching-Chun Chang (National Institute of Informatics, Japan)  
Mu-Yen Chen (National Cheng Kung U., Taiwan)  
Ling-Ju Hung (National Taipei U. of Business, Taiwan)  
Jun-Wei Hsieh (National Yang Ming Chiao Tung U. of Business, Taiwan)  
Ying-Lin Hsu (National Chung Hsing U.)  
Biswapati Jana (Vidyasagar U., India)  
Chao-Yang Lee (National Yunlin U. of Sci. and Tech., Taiwan)  
Chia-Chen Lin (National Chin-Yi U. of Technology, Taiwan)  
Chih-Yang Lin (National Central U., Taiwan)  
Naruki Shirahama (Shimonoseki City U., Japan)

### Local Arrangement Chairs

Chin-Feng Lee (Chaoyang U. of Technology, Taiwan)  
Chun-Cheng Peng (Chaoyang U. of Technology, Taiwan)  
Cheng-Hao Shao (Chaoyang U. of Technology, Taiwan)

### Finance Chair

Jong-Shin Chen (Chaoyang U. of Technology, Taiwan)  
Chih-Huei Huang (Chaoyang U. of Technology, Taiwan)

### Conference Administration

College of Informatics, Chaoyang U. of Technology, Taiwan

### Contact information

- For queries related to the paper status and program, please contact:  
Email: [iihmisp2025pcs@gmail.com](mailto:iihmisp2025pcs@gmail.com)
- For questions related to registration, local information, and services, please contact: Email: [iihmisp2025@gmail.com](mailto:iihmisp2025@gmail.com)

### Conference website

- <https://iihmisp25.csie.cyut.edu.tw> or <https://iihmisp25.github.io>

Conference Venue: The Splendor Hotel, Taichung, Taiwan (hosted by Chaoyang University of Technology)

**Sponsors:** Chaoyang University of Technology, Sina Smart Computing Institute, International Trade Administration, University of Aizu, Iwate Prefectural University, Madanapalle Institute of Technology and Sciences, and Hanyang University.

**Scope:** Multimedia technologies facilitate the creation of a global information infrastructure for acquiring, storing, and communicating data in different forms. The proliferation of multimedia applications raises challenges such as multimedia security and privacy, big data in multimedia, and intelligence in multimedia processing. This conference was established in Melbourne, Australia in 2005 (paper series Springer) and has been held in various countries from 2006 to 2024. The 21st International Conference on Intelligent Information Hiding and Multimedia Signal Processing (IIHMSP 2025) provides a forum for researchers, engineers, and scientists to discuss a wide range of topics, including information hiding, multimedia signal processing, the application of artificial intelligence in multimedia and signal processing, and information technology. This diversity ensures that all our attendees will find topics of interest and have the opportunity to exchange the latest research outcomes. Topics of interest include, but are **not limited to**, the following:

### Track I: Information Hiding and Security:

- Watermarking: techniques, attacks, protocols, applications
- Steganography and steganalysis: techniques, protocols, applications
- Cryptography and cryptanalysis: techniques, protocols, applications
- Data authentication issues and access control themes
- Broadcast and public key encryption
- Forensic analysis and tracing traitors
- Digital rights management and legal aspect
- RFID security and home network privacy
- Platform integrity and trusted computing
- Systems engineering and development for information hiding & security
- ASIC/FPGA/GPGPU design and implementation for information hiding & security
- Enabling technologies and emerging standards for information hiding & security

### Track II: Multimedia Signal Processing and Networking:

- Multimedia sensing and sensory systems
- Multimedia source coding and channel coding
- Multimedia signal analysis and visualization
- Multimedia signal mining and data fusion
- Wired and wireless Multimedia networking and communication techniques
- Multimedia/multimodal signal interpretation and automatic recognition
- Multimedia databases and retrievals
- Multimedia hyperlink techniques and applications
- Advances in multimedia content description interfaces
- Multimedia big data
- Systems engineering and development for multimedia systems
- Enabling technologies and emerging standards for multimedia systems

### Track III: Bio-Inspired Multimedia Technologies and Systems:

- Artificial neural networks for multimedia processing: models, learning paradigms, architectures, and implementations
- Fuzzy systems and evolutionary computing for intelligent multimedia processing
- Human-machine multimodal interaction: e.g., face/speech recognition, facial expression and emotion categorization, gesture analysis and recognition, etc.

### Track IV: Information and Computer Technology:

- Artificial intelligence, computer vision, deep learning, and big data technology
- Cloud computing, edge computing, and AIoT technology
- Any other topic about information and computer technology is welcome. For example, computer algorithms, data mining, graph algorithms, computer architecture, other computer-related areas, etc.

### Important dates

- **May 30, 2025:** Deadline for paper submission
- **June 30, 2025:** Notification of paper acceptance
- **July 15, 2025:** Submission of final camera-ready papers
- **September 01, 2025:** Deadline for registration

### Paper Submission and Publication

To submit a paper, please follow the detailed paper format and submission instructions available on the conference website. The conference proceedings will be published in the book series of *Smart Innovation, Systems and Technologies* by Springer. In addition, the similarity of the submission paper must be less than 20% according to Springer's recommended rule. Normally, papers in this series are indexed by EI and Scopus. All accepted papers will be considered for submission to the journals including **Mathematics, Algorithms, Sensors**, and so on.

**Paper Submission Website:** <https://cmt3.research.microsoft.com/IIHMSP2025>